

# Work Order ID 109940

December-06-13 9:55:41 AM

\*109940\*

Page 1

Item ID: 647.9810

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Mounting Rail

Start Date: 12/06/13 Start Qty: 8.00 \*8\*

Cust Item ID:

Required Date: 12/20/13 Req'd Qty: 8.00 \*8\*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-12-06

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
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647.9800	N/C
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100

\*100\*

Bandsaw

Jeaspa Bandsaw

BAND SAW

Memo

Cut Blank at 13.700"

0.00

0.00

B.A. 14/02/28

D45  
08  
9-89

110

\*110\*

HAAS 1

HAAS CNC vertical machine #1

HAAS CNC VERTICAL MACHINING #1

Memo

1-Machine per folio FB229

DWG REV: N/C

FOLIO REV: AA

2- deburr and break all sharp edges

0.00

0.00

GM 14/03/03

**Work Order ID 109940**

December-06-13 9:55:41 AM

**\*109940\***

Page 2

Item ID: 647.9810

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**\*N900040100\***Setup Start **\*NS1\***

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Item Name: Mounting Rail

Start Date: 12/06/13 Start Qty: 8.00 **\*8\***

Cust Item ID:

Required Date: 12/20/13 Req'd Qty: 8.00 **\*8\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*120\***

QC

Memo

0.00

Quality Control

and 14/03/03

130

QC8- Inspect parts - second check

0.00

**\*130\***

QC

Memo

0.00

Quality Control

D.A 14/03/04

DAS  
08  
2-89

140

Outsource process-Anodize per QSI017 4.1.10.1

0.00

**\*140\***

Outsource4

Memo

0.00

Outsource process - Anodize

Issue P/O to ATG : 23281

1- Black Anodize as per Dwg 647.9810

2- PRIME AS PER DWG, SEE NOTE #2

Certification of Conformity is required

CL 14/03/10 ①

**Work Order ID 109940**

December-06-13 9:55:41 AM

**\*109940\***

Page 3

Item ID: 647.9810

Revision ID:

Item Name: Mounting Rail

Start Date: 12/06/13 Start Qty: 8.00

Required Date: 12/20/13 Req'd Qty: 8.00

Reference:

Accept

**\*N900040100\***Setup Start **\*NS1\***Stop **\*NS2\***

Cust Item ID:

Customer:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

**\*150\***

Packaging

Memo

0.00

Packaging

DAS  
27  
9-89

155

QC5- Inspect part completeness to step on W/O

0.00

**\*155\***

QC

Memo

0.00

Quality Control

180

Identify as per dwg & Stock Location: CA

0.00

**\*180\***

Packaging

Memo

0.00

Packaging

\*\*\*IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV\*\*\*

DAS  
28  
9-89

1x SP 14-3-21

1

1x 14-03-21

**Work Order ID 109940**

December-06-13 9:55:41 AM

**\*109940\***

Page 4

Item ID: 647.9810

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

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Start Date: 12/06/13 Start Qty: 8.00 **\*8\***

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

190

QC21- Final Inspection - Work Order Release

0.00

**\*190\***

QC

Memo

0.00

Quality Control

MCS 14-03-24  
MCS 14-03-24

# Picklist Print

Page 1

December-06-13 9:55:46 AM

Work Order ID: 109940

\*109940\*

Parent Item: 647.9810

\*647 9810\*

Parent Item Name: Mounting Rail

Start Date: 12/06/13

Required Date: 12/20/13

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP REV. A NEW ISSUE JFS 13/12/06 VRIFY BY: JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6B1.750X02.25 0		Purchased	No			100	f	0.4920	1.142	10			

\*M7075T6B1 750X02 250\*

7075-T6 BAR 1.750" X 2.250"

\*\*

B.E 14/02/28

Location

Loc Qty

Loc Code

MAT001

0.492

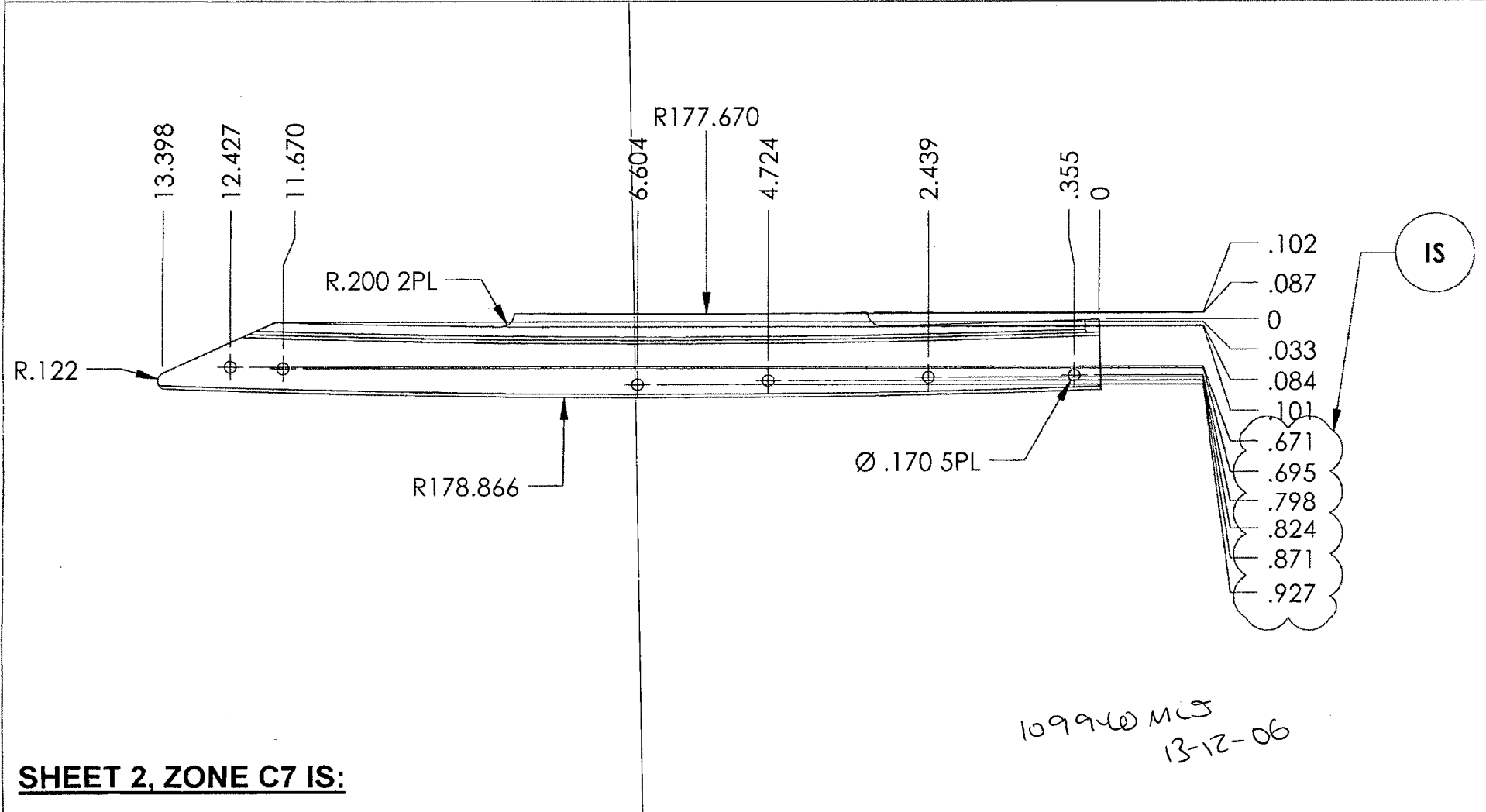
123418

0.492

→ 27736

1.1458 ft

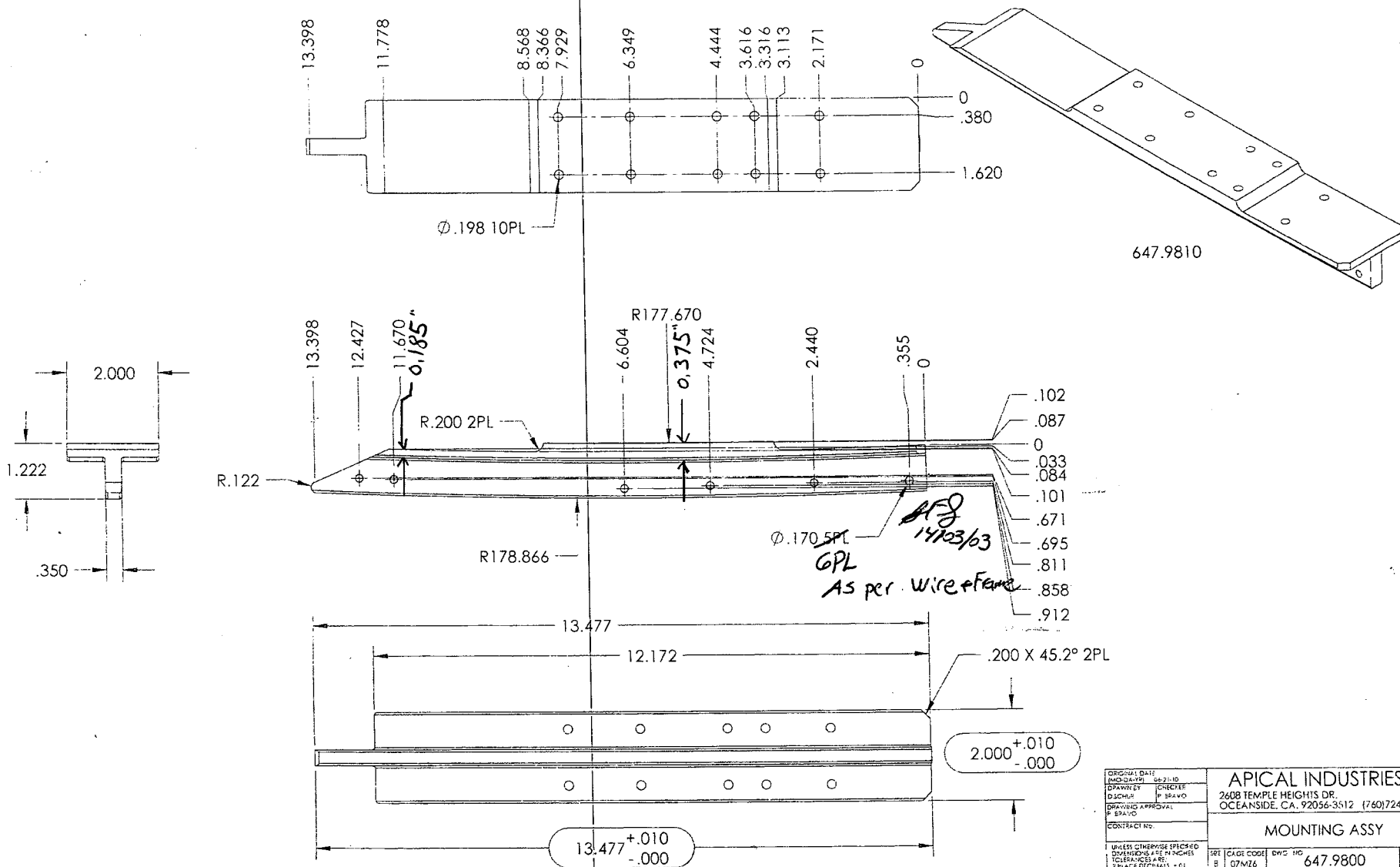
<b>APICAL</b>  INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03932			SHEET 1 OF 1	
	DWG NO. 647.9800	REV: NC	PREPARED BY B. PETERS	DATE: 06/13/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: MOUNTING ASSY				
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF. CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD R-REVISE C-CREATE D-DELETE	REASON: REVISED HOLE DIMENSIONS TO FIT NEXT ASSY.				



SHEET 2, ZONE C7 IS:	DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCTIONS <input type="checkbox"/> ICA <input type="checkbox"/> FMS <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
----------------------	--	---	--

	A/P	6	601.2764	RTV	LOCITE 598		
	2	5	601.1541	LOCKNUT	MS2104Z10B		
	4	4	601.3135	WASHER	NAS1149FN616P		
	2	3	601.3201	SCREW	MS27039-0B15		
	2	2	647.9811	PLATE			
	1	1	647.9810	MOUNTING RAIL			
			647.9801	MOUNTING TEE ASSY			
	.9801	FIND #	PART #	DESCRIPTION	MATL	SPEC	
QTY			PART LIST				
NEXT ASSY [S]			APICAL INDUSTRIES				
647.8900			2608 TEMPLE HEIGHTS DR OCEANSIDE, CA. 92056-3512 (760)724-5300				
			MOUNTING ASSY				
			SIZE TAG CODE DWG. NO.				
			E 07MAZ6 647.9800				
			SCALE NONE SHEET 1 OF 3				

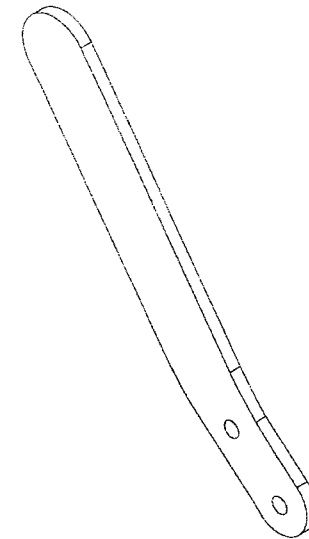
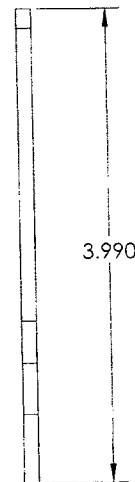
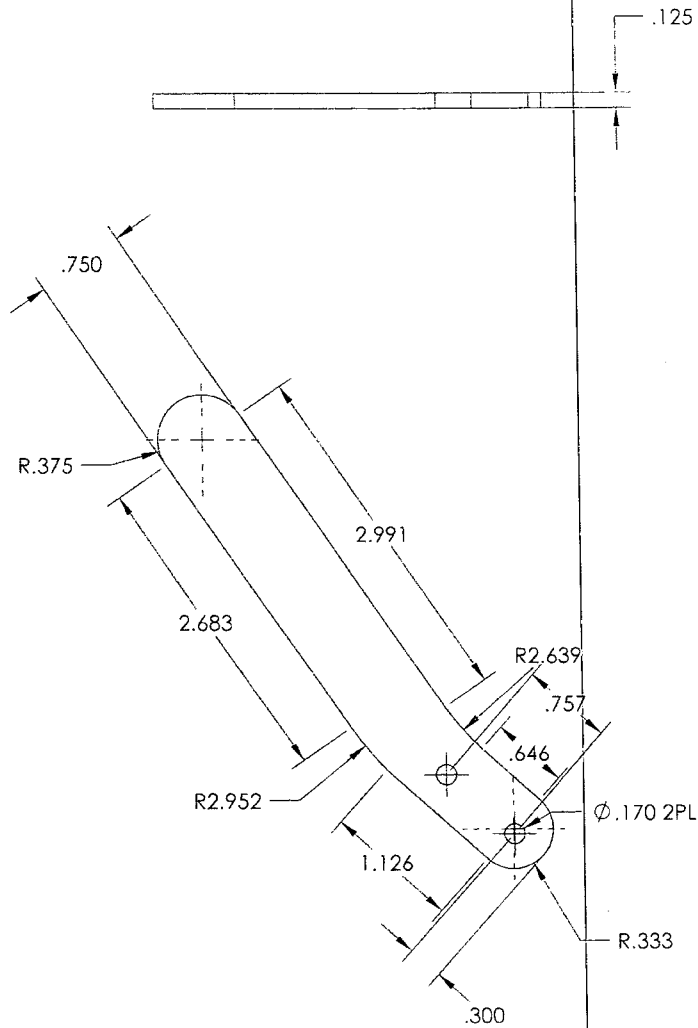
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ORIGINAL DATE		2608 TEMPLE HEIGHTS DR.	
INDUSTRY		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWN BY	CHECKED	APICAL INDUSTRIES	
DISCUSS	BY BRAVO	MOUNTING ASSY	
DRAWING APPROVAL		SCALE: NONE	
BY BRAVO		SHEET 2 OF 3	
CONTRACT NO.		N/C	
UNLESS OTHERWISE SPECIFIED		647.9800	
DIMENSIONS ARE IN INCHES		N/C	
TOLERANCES ARE:		N/C	
2 PLACE DECIMALS $\pm .01$		N/C	
3 PLACE DECIMALS $\pm .005$		N/C	
ANGLES $\pm .5^\circ$		N/C	



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647.9811

ORIGINAL DATE: 04-21-10		APICAL INDUSTRIES	
DRAWN BY: P. BRAY	CHECKED: P. BRAY	2608 TEMPLE HEIGHTS DR.	
DISCUSS: P. BRAY	APPROVAL: P. BRAY	OCEANSIDE, CA. 92056-3512 (760) 724-5300	
CONTRACT NO:		MOUNTING ASSY	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: 2 PLACE DECIMALS ±.01, 3 PLACE DECIMALS ±.005, ANGLES ±.5°		SIZE / CAGE CODE: 8 / D7M16	DWG. NO: 647.9800
SCALE: NONE		SHEET 3 OF 3	

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 109940
<b>Description:</b> Mounting Rail	<b>Part Number:</b> 647.9810
<b>Inspection Dwg:</b> 647.9800 Rev: N/C	<b>Page 1 of 1</b>

### FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.000	$\pm .010$ <del><math>\pm .005</math></del>	2.003	—		Vern	ML-06
1.222	$\pm .005$				"	
.350	$\pm .005$	.353	—		"	
.380	$\pm .005$	.380	—		"	
1.620	$\pm .005$	1.620	—		"	
2.171	$\pm .005$	2.171	—		"	
3.316	$\pm .005$	3.316	—		"	
3.616	$\pm .005$	3.616	—		"	
4.444	$\pm .005$	4.444	—		"	
6.349	$\pm .005$	6.345	—		"	
7.929	$\pm .005$	7.925	—		"	
8.366	$\pm .005$	8.366	—		Vern	CAL
11.778	$\pm .005$	11.778	—		"	
8.198	$\pm .005$ <del><math>\pm .001</math></del>	8.198	—		Vern	ML-06
.087	$\pm .005$	.089	—		Dial	
.102	$\pm .005$	.105	—		"	
.033	$\pm .005$	.033	—		"	
.084	$\pm .005$	.082	—		"	
.101	$\pm .005$	.101	—		"	
.671	$\pm .005$	.671	—		"	
.695	$\pm .005$	.695	—		"	
.811	$\pm .005$	.811	—		"	
.858	$\pm .005$	.858	—		"	

<b>Measured by:</b> <i>amf</i>
<b>Date:</b> 14/03/03

<b>Audited by:</b> J.A. <sup>DAS</sup> 08
<b>Date:</b> 14/03/04

<b>Preliminary Approval:</b>
<b>Date:</b>

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

*10.04.15*





A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada  
Ph: (613) 446-4544  
Fax: (613) 446-4556

### Pack List

Number: 62945

Date: 21-Mar-14

To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ship To

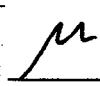
DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
1 lot	Part: ASST  10 PCS D4703-043 (0.90) BLACK ANODIZE MIL-A-8625 TYPE II CLASS 2  6 PCS 647.0310 (11.10) 6 PCS 647.7812 (8.75) 6 PCS 647.7813 (8.75) 6 PCS 647.7814 (6.85) 6 PCS 647.7815 (6.85) 4 PCS 647.9313 (8.55) 14 PCS 647.9412 (31.60) 1 PC 647.9810 (10.80)  HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2  PRIME MIL-P-23377J TYPE I CLASS N Job: 20140178 PO: 23281	Rev:	
Certificate of Conformance			
A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.			
ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY			
DATE : 21/3/14			
CERTIFIED SIGNATURE : 			
RECEIVER SIGNATURE : _____			

SP14-3-21



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23281**

Purchase Order Date 3/10/2014

PO Print Date 3/21/2014

Page Number 4 of 5

**Order From :**

A.T.G. INDUSTRIES INC.  
731 INDUSTRIELLE ROAD  
ROCKLAND, ON K4K 1T2  
CANADA

VC-ATG001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

613-446-4544

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

9	112257	647.9412 DEFLECTOR UPPER HAFT	3/25/2014	14.00	\$31.60	\$442.
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Yes  
3/25/2014

AS ABOVE

**Line Total:** \$442.

10	109940	647.9810 MOUNTING RAIL	3/25/2014	1.00	\$10.80	\$10.
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Yes  
3/25/2014

AS ABOVE

**Line Total:** \$10.

11	71401-45	PROCUREMENT QUALITY CLAUSES	3/25/2014	1.00	\$0.00	\$0.
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No  
3/25/2014

PROCUREMENT QUALITY CLAUSES  
A004 FAA-PMA /TSO  
A005 RIGHT OF ENTRY  
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER,  
(DOCUMENTATION MAINTAINED BY SUPPLIER)  
A016 PERSONNEL QUALIFICATION  
A024 PROCESS CERTIFICATIONS  
A025 CERTIFICATE OF CONFORMANCE

8814-3-21

**PO Instructions:**

Note:

3/21/2014